

10624419

=> d h1s

(FILE 'HOME' ENTERED AT 14:07:38 ON 24 AUG 2004)

FILE 'REGISTRY' ENTERED AT 14:07:55 ON 24 AUG 2004

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 STRUCTURE UPLOADED

L4 50 S L3

L5 4880 S L3 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:10:54 ON 24 AUG 2004

L6 798 S L5

L7 1 S L6 AND DYE

=> s 16 and dyes

199243 DYES

L8 0 L6 AND DYES

=> d l1

L1 HAS NO ANSWERS

L1 STR

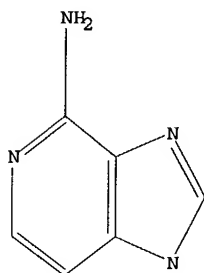
\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

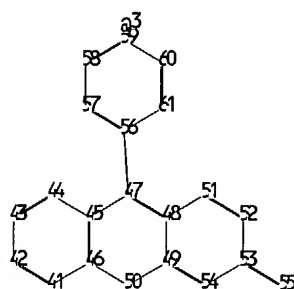
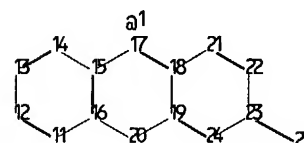
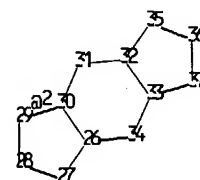
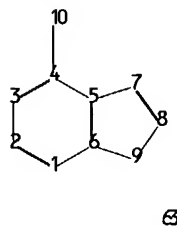
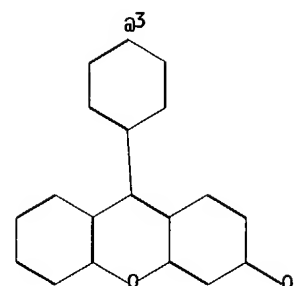
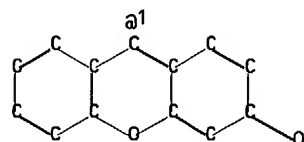
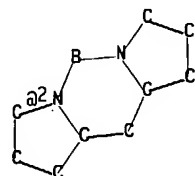
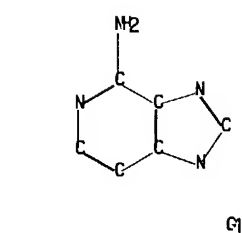
=> d 13

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.



main nodes :

10 25 55 63

ring nodes :

1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21 22 23 24 26 27  
28 29 30 31 32 33 34 35 36 37 41 42 43 44 45 46 47 48 49 50 51 52 53  
54 56 57 58 59 60 61

main bonds :

4-10 23-25 47-56 53-55

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 11-12 11-16 12-13 13-14 14-15 15-16  
15-17 16-20 17-18 18-19 18-21 19-24 19-20 21-22 22-23 23-24 26-27 26-30 26-34  
27-28 28-29 29-30 30-31 31-32 32-33 32-35 33-34 33-37 35-36 36-37 41-42 41-46  
42-43 43-44 44-45 45-46 45-47 46-50 47-48 48-49 48-51 49-54 49-50 51-52 52-53  
53-54 56-57 56-61 57-58 58-59 59-60 60-61

act/norm bonds :

4-10 5-7 6-9 7-8 8-9 15-17 16-20 17-18 18-19 18-21 19-24 19-20 21-22 22-23  
23-24 23-25 26-27 26-30 26-34 27-28 28-29 29-30 30-31 31-32 32-33 32-35 33-34  
33-37 35-36 36-37 45-47 46-50 47-48 48-49 48-51 49-54 49-50 51-52 52-53 53-54  
53-55

act bonds :

47-56

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16 41-42 41-46 42-43  
43-44 44-45 45-46 56-57 56-61 57-58 58-59 59-60 60-61

: [\*1], [\*2], [\*3]

touch level :

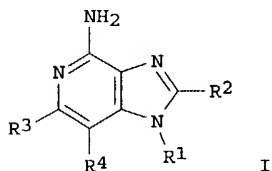
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12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom  
22:Atom 23:Atom 24:Atom 25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom  
32:Atom

33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 41:Atom 42:Atom 43:Atom 44:Atom  
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55:CLASS 56:Atom 57:Atom 58:Atom 59:Atom 60:Atom 61:Atom 63:CLASS

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L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2001:360094 CAPLUS  
 DN 134:366874  
 TI Preparation of dye-labeled imidazoquinolines and analogs as immunomodulators  
 IN Wei, Ai-Ping; Tomai, Mark A.; Rice, Michael J.  
 PA 3M Innovative Properties Company, USA  
 SO PCT Int. Appl., 31 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001034709	A1	20010517	WO 2000-US30366	20001103
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6376669	B1	20020423	US 2000-705072	20001102
	EP 1228147	A1	20020807	EP 2000-980282	20001103
	EP 1228147	B1	20040204		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2004500347	T2	20040108	JP 2001-537411	20001103
	AT 258963	E	20040215	AT 2000-980282	20001103
	ES 2211650	T3	20040716	ES 2000-980282	20001103
	US 2002120141	A1	20020829	US 2002-78645	20020219
	US 6630588	B2	20031007		
	NO 2002001974	A	20020628	NO 2002-1974	20020425
PRAI	US 1999-163724P	P	19991105		
	US 2000-705072	A	20001102		
	WO 2000-US30366	W	20001103		
OS	MARPAT 134:366874				
GI					

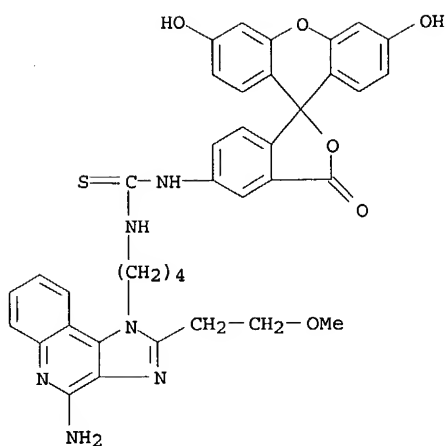


AB Title compds. [I; R1 = ZR; R = dye residue; R2 = H, (un)substituted alkyl, (hetero)aryl(alkyl), etc.; R3,R4 = H, halo, alkyl, alkoxy, etc.; R3R4 = atoms to complete a ring; Z = spacer group], useful, inter alia, for determining the binding and/or receptor sites of the mols., were prepared. Thus, 3-nitro-4-quinolinol was aminated by H2N(CH2)4CHCO2CMe3 and the reduced product cyclocondensed with MeOCH2CH2COCl to give, in 3 addnl. steps, I [R1 = (CH2)4NHR, R2 = CH2CH2OMe, R3R4 = CH:CHCH:CH] (II; R = H) which was amidated by fluorescein 5-isothiocyanate to give II (R = CSNH2IR5, R5 = 6-hydroxy-3-oxo-3H-xanthen-9-yl, Z1 = 3-carboxy-1,4-phenylene). Data for biol. activity of 1 prepared I were given.

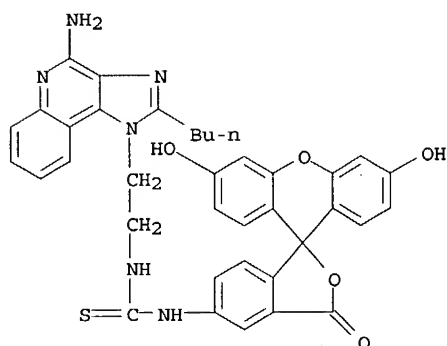
IT 339545-42-5P 339545-44-7P 340128-24-7P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of dye-labeled imidazoquinolines and analogs as immunomodulators)

RN 339545-42-5 CAPLUS  
 CN Thiourea, N-[4-[4-amino-2-(2-methoxyethyl)-1H-imidazo[4,5-c]quinolin-1-yl]butyl]-N'-(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-(9H)xanthen]-5-yl)-(9CI) (CA INDEX NAME)

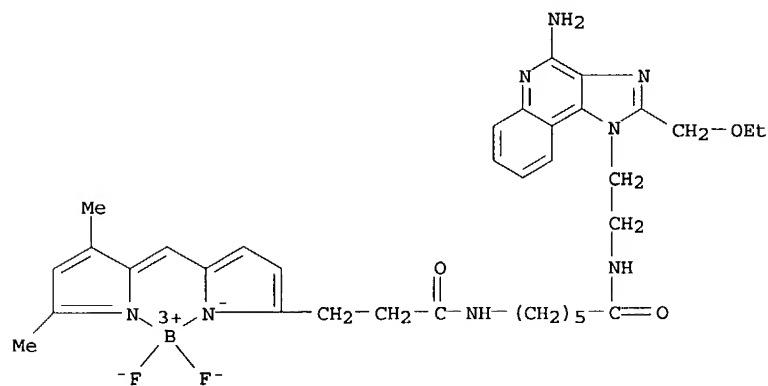
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RN 339545-44-7 CAPLUS  
CN Thiourea, N-[2-(4-amino-2-butyl-1H-imidazo[4,5-c]quinolin-1-yl)ethyl]-N'-(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)-(9CI) (CA INDEX NAME)



RN 340128-24-7 CAPLUS  
CN Boron, [N-[6-[[2-[4-amino-2-(ethoxymethyl)-1H-imidazo[4,5-c]quinolin-1-yl]ethyl]amino]-6-oxohexyl]-5-[(3,5-dimethyl-2H-pyrrol-2-ylidene-κN)methyl]-1H-pyrrole-2-propanamidato-κN1]difluoro-, (T-4)-(9CI) (CA INDEX NAME)



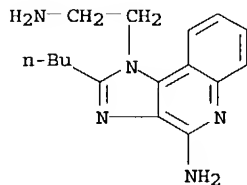
IT 313350-39-9P 313350-42-4P 339545-50-5P  
339545-51-6P 339545-52-7P 339545-53-8P  
339545-56-1P 339545-57-2P 339545-60-7P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

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(Reactant or reagent)  
(preparation of dye-labeled imidazoquinolines and analogs as immunomodulators)

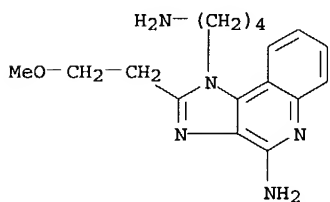
RN 313350-39-9 CAPLUS

CN 1H-Imidazo[4,5-c]quinoline-1-ethanamine, 4-amino-2-butyl- (9CI) (CA INDEX NAME)



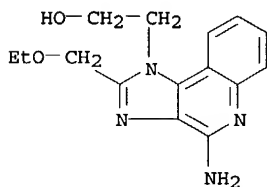
RN 313350-42-4 CAPLUS

CN 1H-Imidazo[4,5-c]quinoline-1-butanamine, 4-amino-2-(2-methoxyethyl)- (9CI) (CA INDEX NAME)



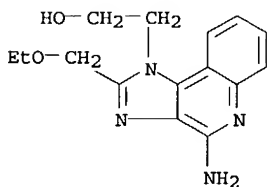
RN 339545-50-5 CAPLUS

CN 1H-Imidazo[4,5-c]quinoline-1-ethanol, 4-amino-2-(ethoxymethyl)- (9CI) (CA INDEX NAME)



RN 339545-51-6 CAPLUS

CN 1H-Imidazo[4,5-c]quinoline-1-ethanol, 4-amino-2-(ethoxymethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

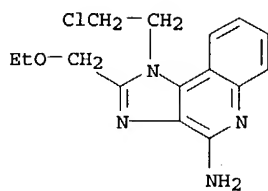


● HCl

RN 339545-52-7 CAPLUS

CN 1H-Imidazo[4,5-c]quinolin-4-amine, 1-(2-chloroethyl)-2-(ethoxymethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

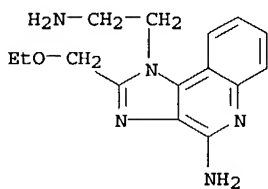
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● HCl

RN 339545-53-8 CAPLUS

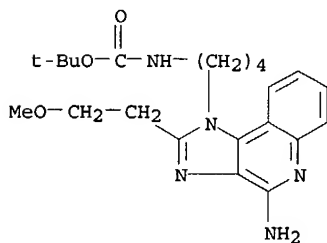
CN 1H-Imidazo[4,5-c]quinoline-1-ethanamine, 4-amino-2-(ethoxymethyl)-, trihydrochloride (9CI) (CA INDEX NAME)



● 3 HCl

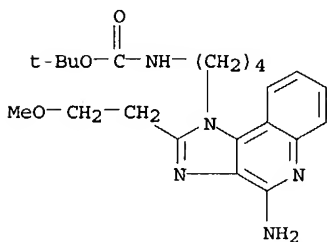
RN 339545-56-1 CAPLUS

CN Carbamic acid, [4-[4-amino-2-(2-methoxyethyl)-1H-imidazo[4,5-c]quinolin-1-yl]butyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 339545-57-2 CAPLUS

CN Carbamic acid, [4-[4-amino-2-(2-methoxyethyl)-1H-imidazo[4,5-c]quinolin-1-yl]butyl]-, 1,1-dimethylethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

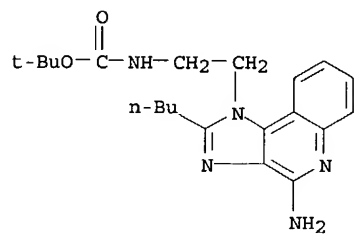


● 2 HCl

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RN 339545-60-7 CAPLUS

CN Carbamic acid, [2-(4-amino-2-butyl-1H-imidazo[4,5-c]quinolin-1-yl)ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RE.CNT 3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT